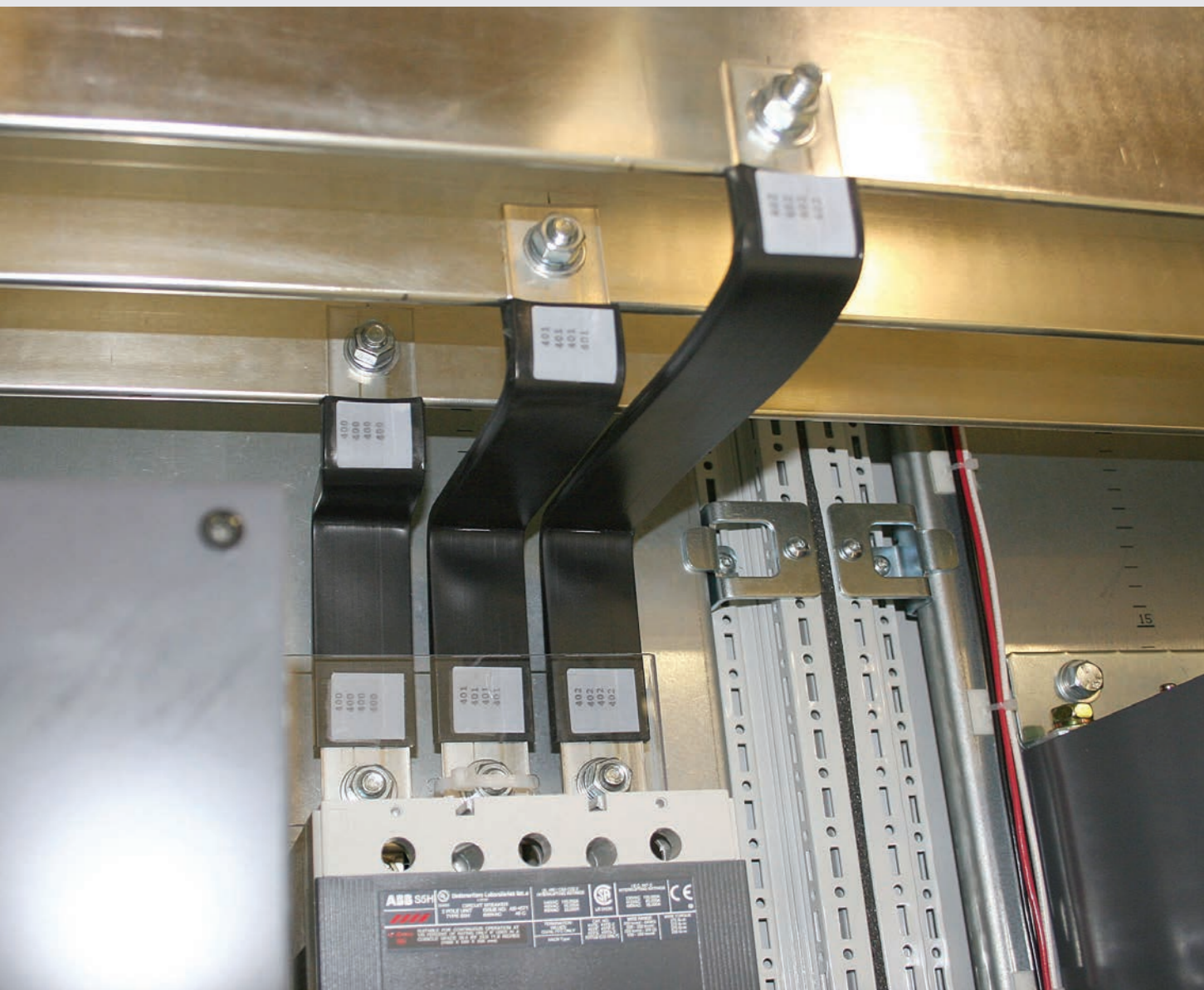


nVent ERIFLEX Flexibar Advanced – from 125 A to 2800 A as per IEC.

CONNECT AND PROTECT



TECHNICAL FEATURES

Finish: Tinned

Material: Copper, LSHFFR Thermoplastic Elastomer

Dielectric Strength: 20 kV/mm

Low Smoke Rating: IEC® 61034-2; ISO 5659-2; UL® 2885

Halogen Free Rating: UL® 2885; IEC® 60754-1; IEC® 62821-1

Flammability Rating: UL® 94V-0; IEC® 60695-2-11 (Glow Wire Test 960 °C)

Smoke, Toxicity and Acidity Rating: IEC® 60754-2

UV Resistance Rating: UL® 854; UL® 2556

Insulation Elongation: 500%

Insulation Thickness: 1.8 mm

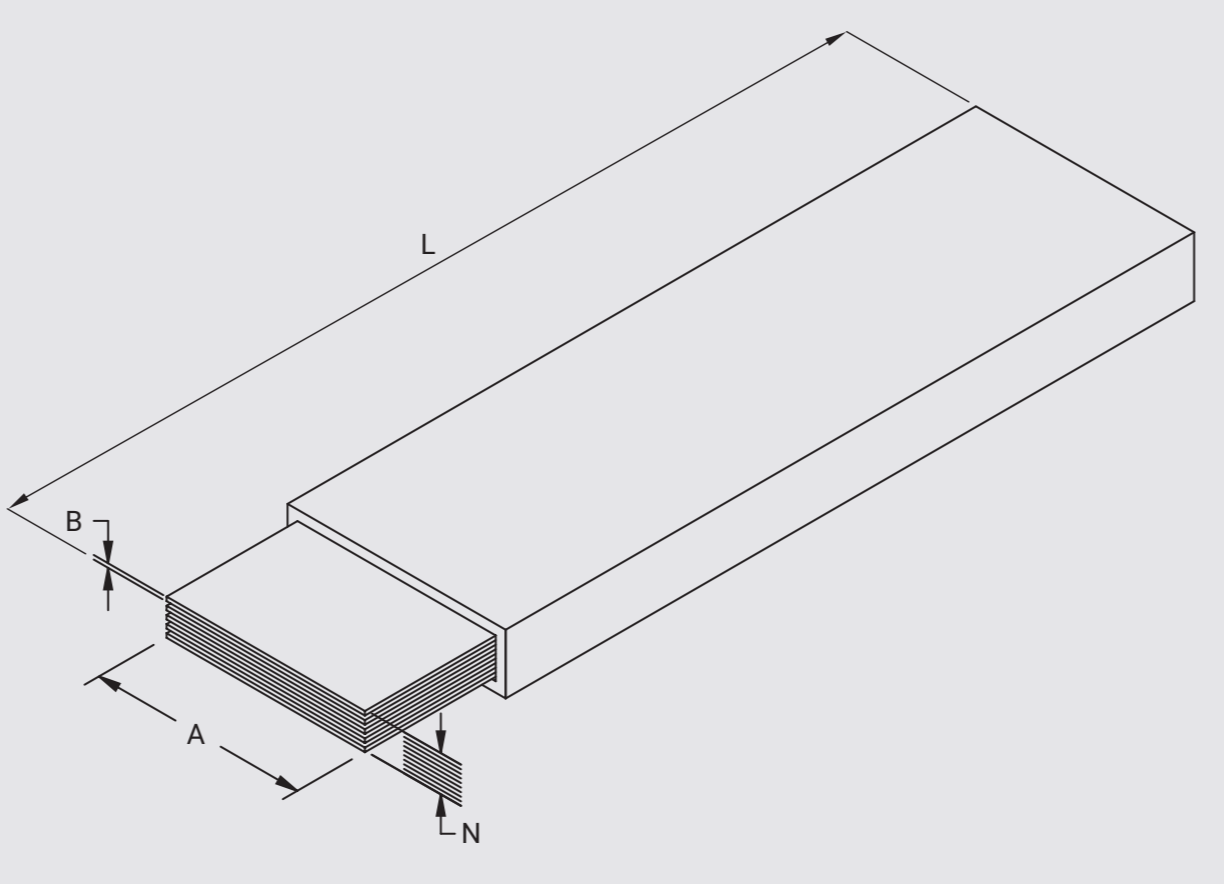
Max Working Voltage, EN 50264-3-1: 6,000 VAC/DC

Max Working Voltage, UL/CSA/IEC: 1,000 VAC; 1,500 VDC

Working Temperature: -50°C to 115°C

Complies With: IEC® 61439.1; IEC® 61439.1 Class II ABS, Bureau Veritas, CE, CSA, cURus, EAC, RoHS, UL NF EN 45454 obtaining an HL3 classification for chapters R22 and R23

Certification Details: UL® 67; UL® 758



ACCESSORIES

Part Number	Article Number	Thread Size	Thread Length	Torque
CONT-KIT-M6X16	558310	M6	16 mm	13 N-m
CONT-KIT-M8X30	558340	M8	30 mm	30 N-m
CONT-KIT-M10X30	558370	M10	30 mm	60 N-m
CONT-KIT-M10X50	558410	M10	50 mm	60 N-m
CONT-KIT-M12X30	558440	M12	30 mm	110 N-m
CONT-KIT-M12X40	558460	M12	40 mm	110 N-m
CONT-KIT-M12X50	558480	M12	50 mm	110 N-m
CONT-KIT-M12X60ZB	567880	M12	60 mm	110 N-m
CONT-KIT-M12X80	558490	M12	80 mm	110 N-m

Part Number	Article Number	Conductor Width
ENDCOV20	541774	20 mm
ENDCOV24	541775	24 mm
ENDCOV32	541776	32 mm

Part Number	Article Number	Conductor Thickness	Conductor Width
UFS-KIT	553590	2 – 8 mm	15.5 – 120.0 mm

* Kit includes one rail and 24 retaining blocks

Part Number	Article Number	Conductor Width
RFS40-63	553370	40 – 63 (mm)
RFS80-100	553380	80 – 100 (mm)

Part Number	Article Number	Conductor Width
FS40-63	553570	40 – 63 mm
FS80-100	553580	80 – 100 mm

Part Number	Article Number	Conductor Width
FS24	553550	24 mm Max
FS32	553560	32 mm Max

RANGE OF TOOLS AND ACCESSORIES TO CUT, BEND, STRIP & PUNCH

Hydraulic Tools and Accessories



Part Number	Article Number	Description
HYDR-WC-230V	545650	Hydraulic Busbar & Flexibar Work Center - 230V (Flexibar Shearing Tool not included)

Manual Tools and Accessories



Part Number	Article Number	Description
MFWC	558940	Manual Work Center (Tools and Accessories not included)

For complete overview of our Hydraulic Tools Accessories or our Manual Tools Accessories, please visit our web, applications or catalogues. nvent.com/ERIFLEX

Typical Application Current Rating	Part Number	Length	Article Number	ΔT			N	A (mm)	B (mm)	Cross Section (mm²)	2 Bar Current Coefficient	3 Bar Current Coefficient
				40 K(A)	50 K(A)	60 K(A)						
125 A	FADV2MTC3X9	2m	534001	120	134	147	3	9	0.8	21.6	1.72	2.25
	FADV2MTC8X6	2m	534000	143	166	182	8	6	0.5	24		
	FADV2MTC3X13	2m	534004	150	167	184	3	13	0.5	19.5		
	FADV2MTC2X15-5	2m	534006	191	212	234	2	15.5	0.8	24.8		
	FADV2MTC6X9	2m	534002	220	245	269	6	9	0.8	43.2		
250 A	FADV2MTC6X13	2m	534005	226	253	277	6	13	0.5	39	1.72	2.25
	FADV2MTC9X9	2m	534003	237	265	291	9	9	0.8	64.8		
	FADV2MTC2X20X1	2m	534010	246	275	300	2	20	1	40		
	FADV2MTC4X15-5	2m	534007	286	320	350	4	15.5	0.8	49.6		
	FADV2MTC3X20X1	2m	534011	323	360	395	3	20	1	60		
400 A	FADV2MTC2X24X1	2m	534016	340	380	416	2	24	1	48	1.72	2.25
	FADV2MTC4X20X1	2m	534012	360	402	440	4	20	1	80		
	FADV2MTC6X15-5	2m	534008	376	420	453	6	15.5	0.8	74.4		
	FADV2MTC2X32X1	2m	534023	363	406	445	2	32	1	64		
	FADV2MTC3X24X1	2m	534017	370	413	453	3	24	1	72		
500 A	FADV2MTC5X20X1	2m	534013	376	420	460	5	20	1	100	1.72	2.25
	FADV2MTC2X40X1	2m	534030	406	455	500	2	40	0.8	80		
	FADV2MTC10X15-5	2m	534009	407	455	498	10	15.5	0.8	124		
	FADV2MTC6X20X1	2m	534014	413	462	506	6	20	1	120		
	FADV2MTC4X24X1	2m	534018	416	465	510	4	24	1	96		
630 A	FADV2MTC3X32X1	2m	534024	430	480	525	3	32	1	120	1.72	2.25
	FADV2MTC5X24X1	2m	534019	460	514	563	5	24	1	120		
	FADV2MTC3X40X1	2m	534031	466	522	570	3	40	1	128		
	FADV2MTC4X32X1	2m	534025	490	548	600	4	32	1	144		
	FADV2MTC6X24X1	2m	534020	506	566	620	6	24	1	150		
800 A	FADV2MTC3X50X1	2m	534037	530	592	650	3	50	1	160	1.72	2.25
	FADV2MTC4X40X1	2m	534032	550	615	673	4	40	1	200		
	FADV2MTC5X32X1	2m	534026	573	640	702	5	32	1	192		
	FADV2MTC10X20X1	2m	534015	576	645	706	10	20	1	200		
	FADV2MTC8X24X1	2m	534021	606	678	743	8	24	1	240		
1000 A	FADV2MTC6X32X1	2m	534027	640	715	783	6	32	1	192	1.72	2.25
	FADV2MTC4X50X1	2m	534038	650	727	795	4	50	1	200		
	FADV2MTC4X80X1	2m	534033	680	760	832	5	40	1	240		
	FADV2MTC10X24X1	2m	534022	716	800	877	10	24	1	252		
	FADV2MTC4X63X1	2m	534044	763	855	935	4	63	1	240		
1250 A	FADV2MTC6X40X1	2m	534034	770	860	943	6	40	1	256	1.72	2.25
	FADV2MTC8X32X1	2m	534028	770	860	943	8	32	1	250		
	FADV2MTC5X50X1	2m	534039	830	930	1,016	5	50	1	320		
	FADV2MTC5X40X1	2m	534033	680	760	832	5	40	1	315		
	FADV2MTC5X63X1	2m	534045	920	1,030	1,125	5	63	1	300		
1600 A	FADV2MTC6X50X1	2m	534040	925	1,035	1,135	6	50	1	320	1.65	2.12
	FADV2MTC8X50X1	2m	534041	1,050	1,175	1,285	5	80	1	400		
	FADV2MTC8X80X1	2m	534046	1,085	1,215	1,330	6	80	1	378		
	FADV2MTC10X63X1	2m	534051	1,230	1,375	1,500	6	80	1	480		
	FADV2MTC6X100X1	2m	534055	1,235	1,385	1,515	5	100	1	500		
2800 A	FADV2MTC8X63X1	2m	534047	1,245	1,395	1,525	8	63	1	504	1.6	2.02
	FADV2MTC10X50X1	2m	534042	1,393	1,550	1,705	6	100	1	600		
	FADV2MTC8X100X1	2m	534052	1,430	1,600	1,755	8	80	1	640		
	FADV2MTC10X80X1	2m	534048	1,435	1,600	1,755	10	63	1	630		
	FADV2MTC10X100	2m	534058	1,775	1,985	2,170	10	100	1	1,000.0		
2800 A	FADV2MTC12X100	2m	534059	1,890	2,115	2,315	12	100	1	1,200.0	1.49	1.95
	FADV2MTC10X120	2m	534060	2,070	2,330	2,550	10	120	1	1,200.0		